

Title (en)

USE OF STARCH COMPOSITIONS IN PAPERMAKING

Title (de)

VERWENDUNG VON STÄRKEZUSAMMENSETZUNGEN BEI DER PAPIERHERSTELLUNG

Title (fr)

UTILISATION DE COMPOSITIONS A BASE D'AMIDON DANS LA FABRICATION DU PAPIER

Publication

EP 1313918 A1 20030528 (EN)

Application

EP 01930627 A 20010420

Priority

- US 0112937 W 20010420
- US 63596200 A 20000810
- US 74027800 A 20001219

Abstract (en)

[origin: WO0214602A1] Starch compositions, including cationic crosslinked starches, and methods of using those starches in papermaking are disclosed. In particular, a cationized crosslinked starch and use of the starch in the wet end system of a paper machine is disclosed. The starch compositions of the disclosure are particularly adapted for customization for specific wet end systems, and allow for modification to correspond to variations in the wet end of the papermaking machine.

IPC 1-7

D21H 17/29; **D21H 23/06**

IPC 8 full level

D21H 17/28 (2006.01); **D21H 17/29** (2006.01); **D21H 17/68** (2006.01); **D21H 21/10** (2006.01); **D21H 21/18** (2006.01); **D21H 23/06** (2006.01)

CPC (source: EP)

D21H 17/29 (2013.01); **D21H 23/06** (2013.01)

Citation (search report)

See references of WO 0214602A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0214602 A1 20020221; AU 2001257144 B2 20051201; AU 5714401 A 20020225; BR 0113168 A 20040622; CA 2423386 A1 20020221; CN 1237225 C 20060118; CN 1466642 A 20040107; EP 1313918 A1 20030528; JP 2004506819 A 20040304; MX PA03001288 A 20031006; RU 2258108 C2 20050810

DOCDB simple family (application)

US 0112937 W 20010420; AU 2001257144 A 20010420; AU 5714401 A 20010420; BR 0113168 A 20010420; CA 2423386 A 20010420; CN 01816326 A 20010420; EP 01930627 A 20010420; JP 2002519720 A 20010420; MX PA03001288 A 20010420; RU 2003105880 A 20010420